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TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

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| Filing Date | October 25, 2000 | - |
| First Named Inventor | Bo Mattiasson | |
| Art Unit | 1743 | |
| Examiner Name | Arlen Soderquist | |
| Attorney Docket No. | 100096.403USPC | |

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| ENCLOSURES (check all that apply) | | | | | |
| Extension of T Express Aban Request Information Di Statement; Fo Cited Referent Certified Copy Document(s) Response to M under 37 C.F.I | al Form hed al declaration(s) ime Request donment sclosure rm PTO-1449 ces of Priority Alissing Parts R. 1.52 or 1.53 | □ Drawing(s) □ Request for Corrected Filing Receipt □ After Allowance Communication to Appeal Communication to Appeal Communication to Appeal Communication to Board of Appeals a Interferences □ Petition □ Petition to Convert to a Provisional Application □ After Allowance Communication Board of Appeal Communication To Appeal Communication To Appeal Communication Board of Appeals a Interferences □ Power of Attorney, Revocation, Change of Correspondence Address □ Proprietary Information Status Letter □ Declaration □ Proprietary Information Status Letter □ Declaration □ Other Enclosure(s) identify below): □ Terminal Disclaimer □ Other Enclosure(s) identify below): | ation to nd ation to Brief, tion | | |
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| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | | | |
| Firm Name Seed Intellec | | ctual Property Law Group PLLC Customer Number 100500 | Customer Number 00500 | | |
| Signature | Signature Ex www. | | | | |
| Printed Name Emily W. Wagner | | | | | |
| Date | February 9, 2 | 2005 Reg. No. 50,922 | | | |
| CERTIFICATE OF TRANSMISSION/MAILING | | | | | |
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RESPONSE UNDER 37 CFR 1.116 EXPEDITED PROCEDURE - EXAMINING GROUP 1740

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants

Bo Mattiasson et al.

Application No.

09/508,775

Filed

: October 25, 2000

For

METAL ION SPECIFIC CAPACITY AFFINITY SENSOR

Examiner

Arlen Soderquist

Art Unit

1743

Docket No.

100096.403USPC

Date

February 9, 2005

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE UNDER 37 CFR §1.116

Commissioner for Patents:

In response to the final Office Action mailed December 15, 2004, please amend the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.